

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT			1. CONTRACT ID CODE		PAGE OF PAGES 1 1		
2. MODIFICATION NO.: 0006		3. EFFECTIVE DATE APR 10, 2003		4. REQUISITION/PURCHASE REQ. NO. W81W3G-2035-7181		PROJECT NO. (If applicable)	
6. ISSUED BY Department of the Army Baltimore District, Corps of Engineers Contracting Division P.O. Box 1715 Baltimore MD 21203-1715		CODE CA31		7. ADMINISTERED BY: Contracting Division, Contracts Branch CENAB-CT-C 10 S. Howard ST. Room 7000 Baltimore, MD 21203-1715		CODE E1P0100	
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)				(x)		9A. AMENDMENT OF SOLICITATION NO. DACW31-03-R-0003	
				X		9B. DATED (SEE ITEM 11) JAN 13, 2003	
						10A. MODIFICATION OF CONTRACT/ ORDER NO.	
						10B. DATED (SEE ITEM 13)	
CODE		FACILITY CODE					

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

	The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is not extended.	
	DATE OF RECEIPT OF PROPOSALS 4:00 PM, LOCAL TIME, APR 18, 2003	

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning 1 copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

**13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS,
IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.**

	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER No. ITEM 10A
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR43.103(b)
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: changes clause FAR 52.243.1
	D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor is not, is required to sign this document and return copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

**STADIUM IMPROVEMENTS
ANACOSTIA SENIOR HIGH SCHOOL, WASHINGTON, DC**

AMENDMENTS:

Amendment 0004, Item 1: Attached are Sections 01010 and 11230 which were to be included in Amendment 0004.

ATTACHMENTS: A/S

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)	
15B. CONTRACTOR/OFFEROR <i>(signature of person authorized to sign)</i>	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY <i>(Signature of Contracting Officer)</i>	16C. DATE SIGNED

SECTION 01010 - SUMMARY OF WORK, MAR 24, 2003

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A Omitted.

1.2 WORK COVERED BY CONTRACT DOCUMENTS – PHASE 1, 2 & 3

- A PHASE 1: The project phase shall include rough grading, final grading except the inside of the track, installation of a synthetic NCAA running track, new bleachers, athletic field events, a scoreboard, perimeter retaining wall and fencing. The bleachers shall be in accordance with the contract documents and national and local codes.
- B PHASE 2: The phase will consist of work within the track. Work includes tilling, compost base application, irrigation, final grading of football field, sprigging, surface and perimeter drainage of the interior field, inside of the track. This work will be furnished under a separate contract, and shall be performed concurrently with and in close coordination with Work of this Contract. The Owner shall be responsible for coordination the work of the Washington Redskins.
- C PHASE 3: This phase includes the installation/construction of additional bleachers, the athletic storage facility, the press building and a locker room/concession building. The work includes all labor and materials necessary for complete buildings, including lighting, plumbing, HVAC, telecommunications and security systems, ready for occupancy. Other work includes fencing, gates, floodlights, parking lot and drinking fountains.
- D Project Location:
1. Anacostia Senior High School
16th and Ridge Place, SE
Washington, DC 20020
 2. Owner: District of Columbia Public Schools, Washington, DC
- E Architect Identification: The Contracts Documents, dated May 25th 2001, and revisions, were prepared for the project by Bryant Associates, P.C. 1420 N Street NW, Suite 100 Towne Terrace East, Washington, DC 20005.

1.3 CONTRACTS

- A Project will be constructed under three (3) separate contracts in tandem with the Phases.

1.4 WORK SEQUENCE

- A The work shall be conducted according to phases. Phase 1 shall start with the notice to proceed (NTP) and be completed within 180 calendar days. The other phases will be completed by a date to be specified by the Owner.

1.5 USE OF PREMISES

- A General: The General Contractor shall have limited use of the site for construction operations, during the construction period. The contractor's use of premises is limited only by Owner's right to perform work or to retain other contractors for other unrelated work at the building.

1.6 EXISTING WORK

- A In addition to any FAR clauses pertaining to the protection of existing vegetation, structures, equipment, utilities, and improvements,
B Remove or alter existing work in such a manner as to prevent injury or damage to any portions of the existing work which is to remain.
C Repair or replace portions of existing work, which have been altered during construction operations to match existing or adjoining work, as approved by the Contracting Officer. At the completion of operations, existing work shall be in a condition equal to or better than that which existed before new work commenced.

PART 2 - PRODUCTS

Not Used

PART 3 – EXECUTION

Not Used

END OF SECTION 01010

SECTION 11230 – EXTERIOR SCOREBOARD, MAR 24, 2003

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Omitted.

1.2 SUMMARY

- A. This Section includes the electric scoreboard complete with control unit and structural support system.
- B. System Description:
- C. Electrically controlled football scoreboard with features and accessories for track, and field events.
- D. Control Unit: Microprocessor controlled, compatible with scoreboard and athletic events.
- E. Related Sections:
 - 1. Division 2 Earthwork
 - 2. Division 3 Concrete Work
 - 3. Division 7 Thermal & Moisture Protection
 - 4. Division 9 Paint
 - 5. Division 16 Electrical

1.3 SUBMITTALS

- A. See Section 01300 for requirements.
- B. Shop Drawings: Indicate layout, scoreboard features, materials, components, fasteners, equipment, finishes, method of installation and assembly, supplementary support or bracing, controls, and service rough-in.
- C. Product Data: Provide data on scoreboard unit including color and finishes, control unit, accessories.
- D. Samples: Submit two samples 12x12 inch in size illustrating panel finish and color.
- E. Manufacturer's Installation Instructions: Indicate electrical system, support system, special procedures and perimeter conditions requiring special attention.
- F. Manufacturer's Certificate: Certify that Products meet or exceed UL specified requirements.

1.4 OPERATION AND MAINTENANCE DATA

- A. Operation and Maintenance Data: Include operating equipment, controls, accessories, service and maintenance schedules.

1.5 QUALIFICATIONS

- A. Manufacturer: Company specializing in manufacturing the products specified in this section with minimum five years documented experience.

1.6 REGULATORY REQUIREMENTS

- A. Products Requiring Electrical Connection: Listed and classified by Underwriters' Laboratories, Inc., as suitable for the purpose specified and indicated.

1.7 DELIVERY, STORAGE, AND HANDLING

- A. Deliver, store, protect and handle product as required by manufacturer.
- B. Wrap and crate finished components and assemblies at factory to prevent damage or marring of surfaces during shipping and handling.
- C. Do not deliver materials or assemblies to site until installation spaces are ready to receive units.

1.8 FIELD MEASUREMENTS

- A. Verify that scoreboard location and field measurements are as indicated on shop drawings and are as approved by Contracting Officer.

1.9 COORDINATION

- A. Coordinate with concrete work and electrical service.

1.10 WARRANTY

- A. Provide five years warranty.
- B. Warranty: Include coverage of all scoreboard and control unit components.

PART 2 - PRODUCTS

2.1 MANUFACTURER

- A. Nevco Scoreboard Company Product: Model 7524 or approved equal.

2.2 FOOTBALL SCOREBOARD WITH 1/10TH SECOND TRACK TIMER-MODEL 7424, AS MANUFACTURED BY NEVCO SCOREBOARD CO., OR APPROVED EQUAL

- A. **GENERAL:** Scoreboard(s), UL Listed/CSA Certified, remotely operated from one (1) control station. Scoreboard shall display minutes, seconds, 1/10th seconds, two (2) team scores, period, ball on, down, yards to go, ball possession, using low voltage 100% Solid State 2- Wire cable multiplex system, quartz crystal controlled.
- B. **SCOREBOARD:** Size 18'L x 10'6"H x 8"D (5.49 x 3.20 x .20 meters), constructed of aluminum.
 - 1. Scoreboard Color: Green with 1" white outlines striping. Four (4) brackets provided for mounting.
- C. **CONTROL CENTER:**
 - 1. One (1) each Model MPC Microprocessor-based operator's control furnished. UL Listed/CSA Certified. Construction of gray high impact break-resistant plastic, size 11" x 9 1/2" x 4 1/8". Includes: remote hand-held time switch

- accurate to 1/50th of a second, horn button included on time switch, twenty-five (25) feet of scoreboard control cable with connectors and keyboard overlay.
2. **Control features:** Bright LED display, lithium cell battery backup to maintain scoreboard memory and time of day, self test mode, power on-off switch, alternate time control, internal beeper acknowledging each entry, bookmark capabilities and multiple scoreboard operation.
 3. **Additional Features:** Time of day display, multiple time out timers with warning, interval horn, up-count auto stop with horn. 1/10th seconds are displayed during the last minute. Control shall be designed and equipped to operate all manufacturer's scoreboards by interchange of keyboard overlay.
- D. **Delay of Game Timers:** Provide delay of game timers MPC control shall be capable of operating delay of game timers at the same time as scoreboard(s).
- E. **Dimmer:** LED intensity day-night dimmer activated from operator's control center keyboard.
- F. **LED UNITS:** SEVEN bar-segments per LED digit with protective aluminum cover.
- G. **TIMING:** Bi-directional, UP or DOWN count. Any number of minutes or seconds can be directly set capacity 0:00 - 99:59. 24" red-orange LED digits. Timer displays 1/10th seconds during the final minute of the period by shifting the numerals on the time display of the scoreboard to show seconds to the left of the colon and 1/10th seconds to the right of the colon. Decimal lights instead of the colon when the 1/10ths are displayed. When in the track mode, the 1/10th seconds are fully displayed on the 1/10th seconds lamp bank and there is no shifting of timer numerals. In place of displaying game time on the scoreboard, the "time out" time or the "time of day" may be displayed.
- H. **TEAM SCORES:** Two (2) scores. Scores may be selectively set to any number, capacity 0 - 99. 24" red-orange LED digits. Additive mode also provided.
- I. Scoreboard Displays and Other Features:
1. Period: Registers 0 - 9. 24" red-orange LED digit.
 2. Ball on: Registers 0 - 99. 24" red-orange LED digits.
 3. Down: Registers 0 - 9. 24" red-orange LED digit.
 4. Yards to go: Registers 0 - 99. 24" red-orange LED digits.
 5. Ball Possession Indicators: Two (2) units shaped in the form of a football, displayed in red-orange.
 6. Horn: Loud solid state horn located in scoreboard. Sounds automatically at 0:00 for a minimum of two (2) seconds. Operator may select to omit automatic horn. Horn may be sounded manually at anytime.
 7. Captions: Words, HOME, GUESTS, DOWN, YDS TO GO, QTR., BALL ON, white 15" high.
 8. Control Cable: Provide type and length required for scoreboard.
- J. **POWER:** Scoreboard, 120 Volts, 9 Amps, 50/60 Hz. Requires earth ground. Control Center, 120 Volts, 12 Watts, 50/60 Hz.

- K. Electrical Connections and Service: Specification Division 16.

PART 3 - EXECUTION

3.1 EXAMINATION

- A. Verify site conditions and location of scoreboard.
- B. Verify that surfaces, prepared openings, and roughed-in utilities are ready to receive works and as indicated on shop drawings and as instructed by the manufacturer.
- C. Verify that electric power is available and of the correct characteristics.

3.2 INSTALLATION

- A. Assemble and install components in accordance with manufacturer's instructions and details on the drawings.
- B. Scoreboard shall be provided completely rewired, with flexible waterproofed connection for service as specified herein. Scoreboards shall be installed in accordance with manufacturer's instructions. Mounting of board shall be as specified herein. Required control cable from scoreboard to control sockets shall be provided with equipment.
- C. Post shall be centered in postholes and set in 3000-psi concrete mixed in accordance with Division 3 Concrete, and beveled away from posts in all directions. Postholes shall be not less than 5 feet deep and 18 inches wide.
- D. In place Scoreboard shall withstand 20-psi wind load.
- E. Seal joints and services through walls with sealant to provide moisture and vapor seal.

3.3 FIELD QUALITY CONTROL

- A. Test and adjust scoreboard and control equipment to ensure performance conforms to specified requirements.
- B. Operate and test full range of functions over a continuous 4 hours period, recording physical data on operating equipment.
- C. Provide three copies of a written quality control test reports.
- D. Shut off equipment and controls and lock doors to prevent operation or access by unauthorized persons.

3.4 CLEANING

- A. Remove temporary protection from prefinished surfaces.

- B. Wash and clean exposed surfaces on the outside.

3.5 DEMONSTRATION

- A. Provide systems demonstration.
- B. Demonstrate in the presence of the Owner and Architect the operation, function, and maintenance of scoreboard, control unit and keyboards and its associated equipment.

END OF SECTION 11230